

FIG. 1

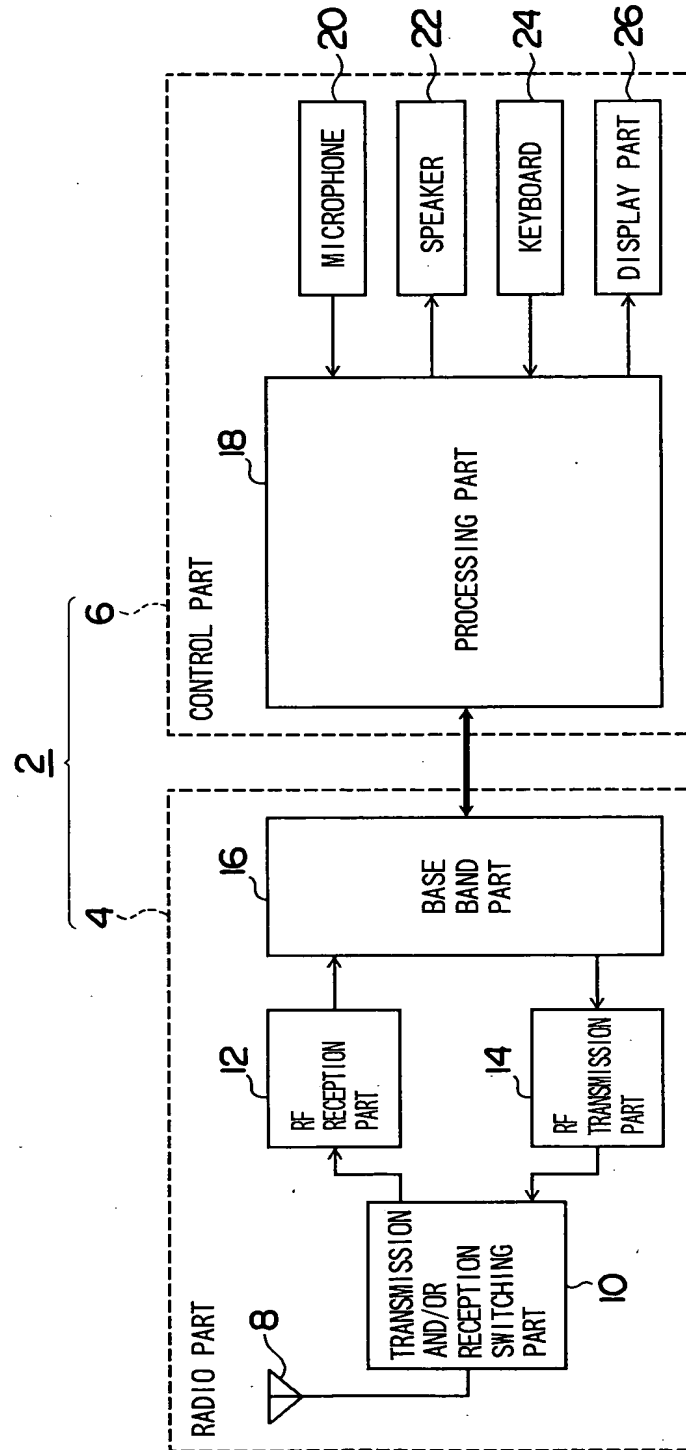


FIG. 2

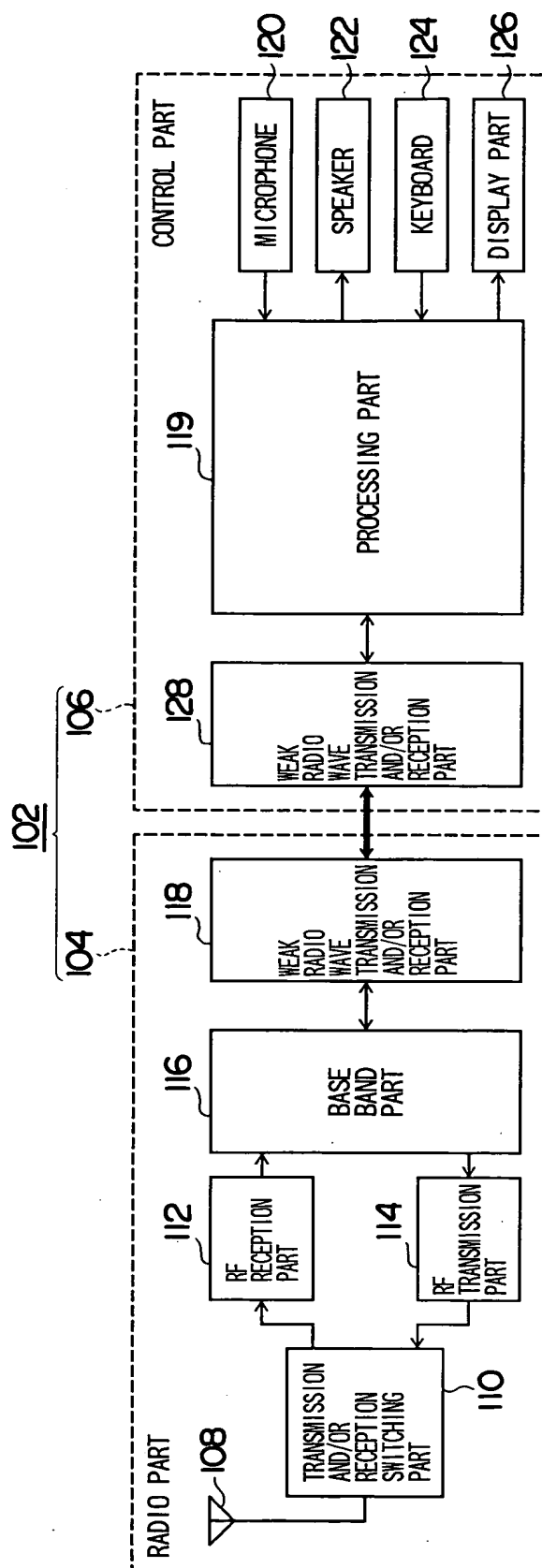


FIG. 3

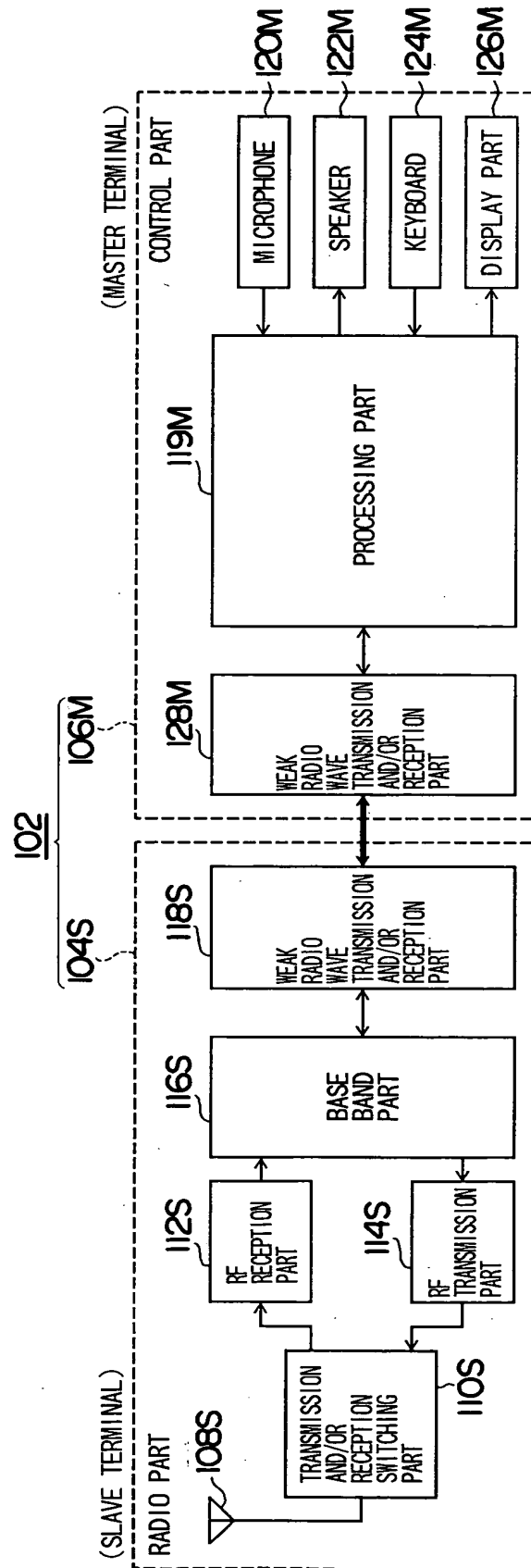


FIG. 4

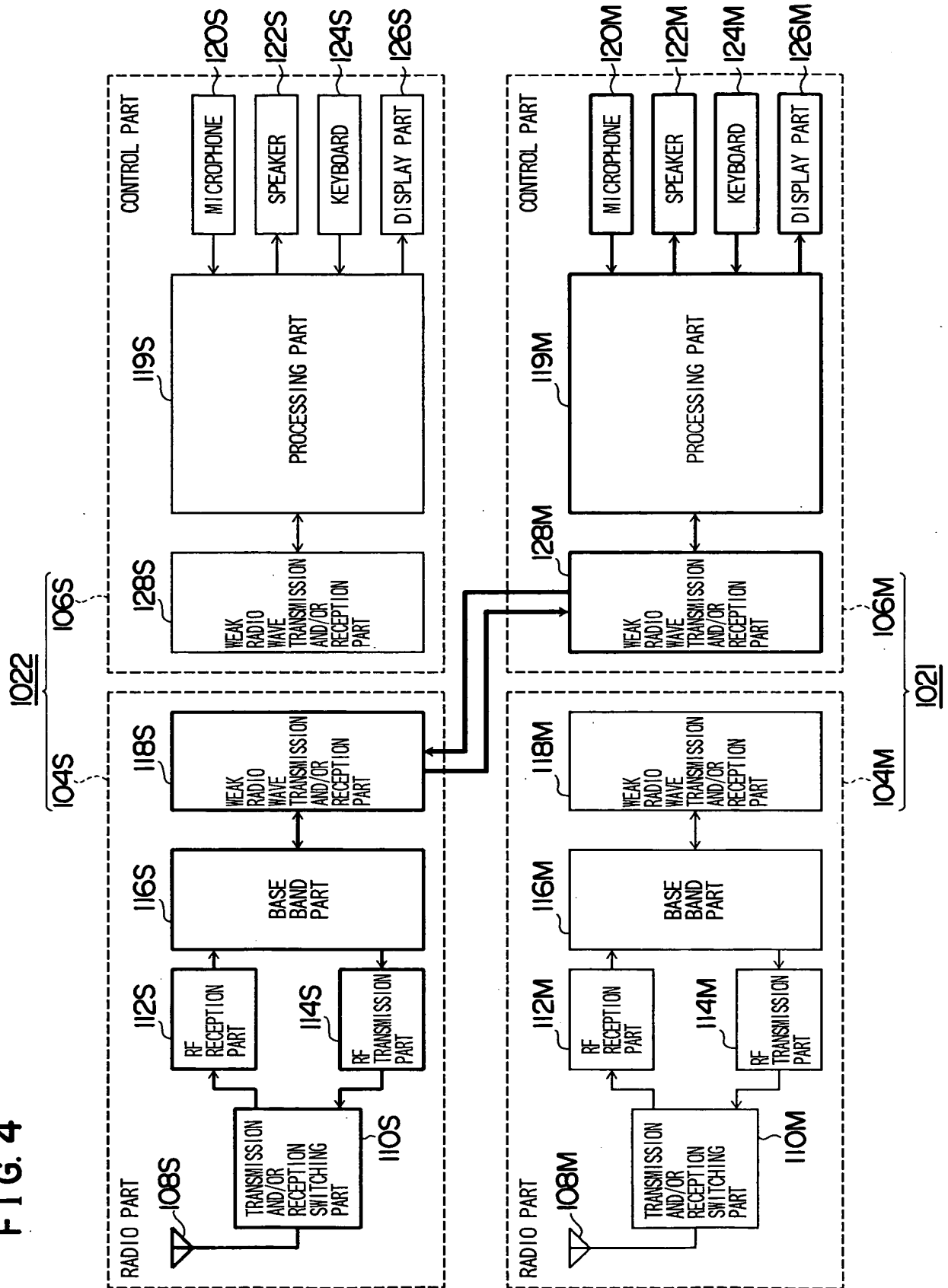


FIG. 5

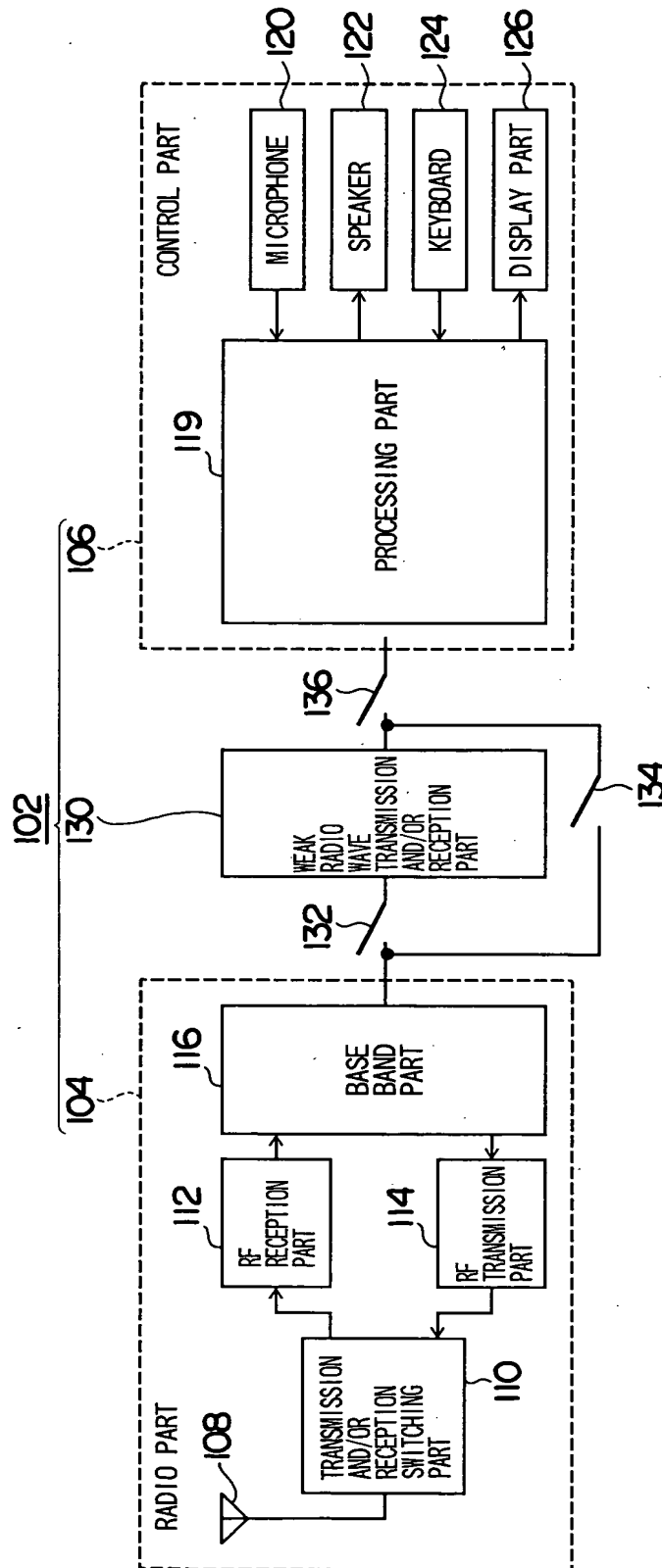


FIG. 6

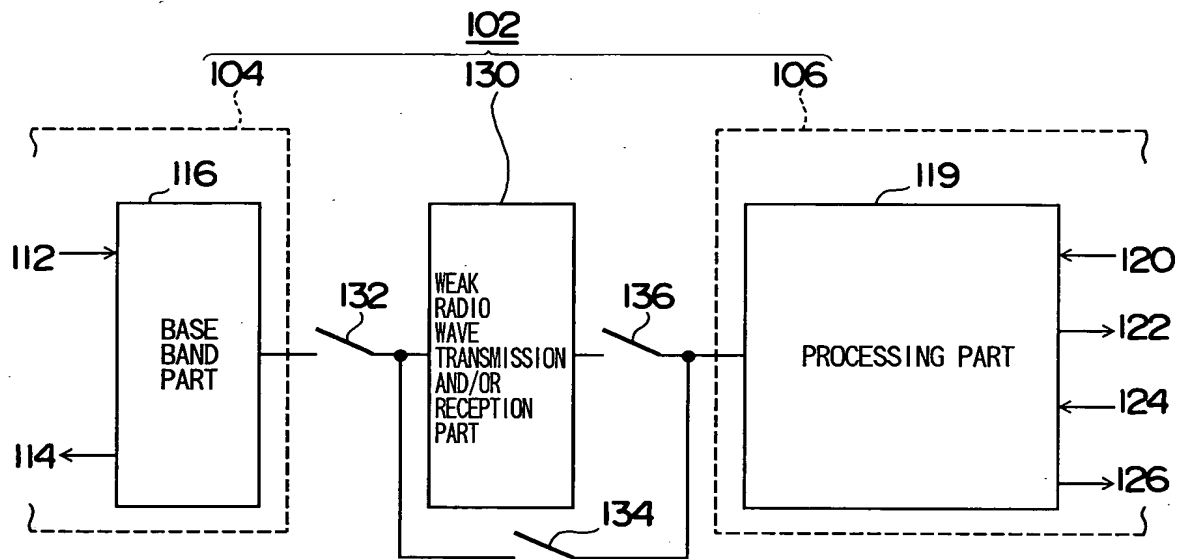


FIG. 7

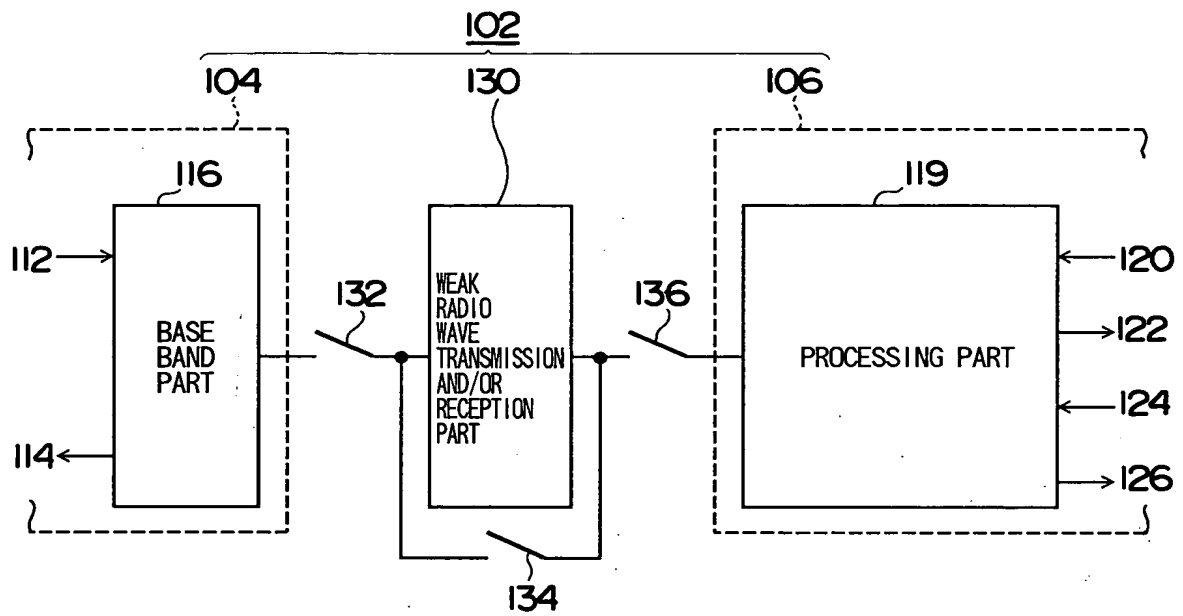


FIG. 8

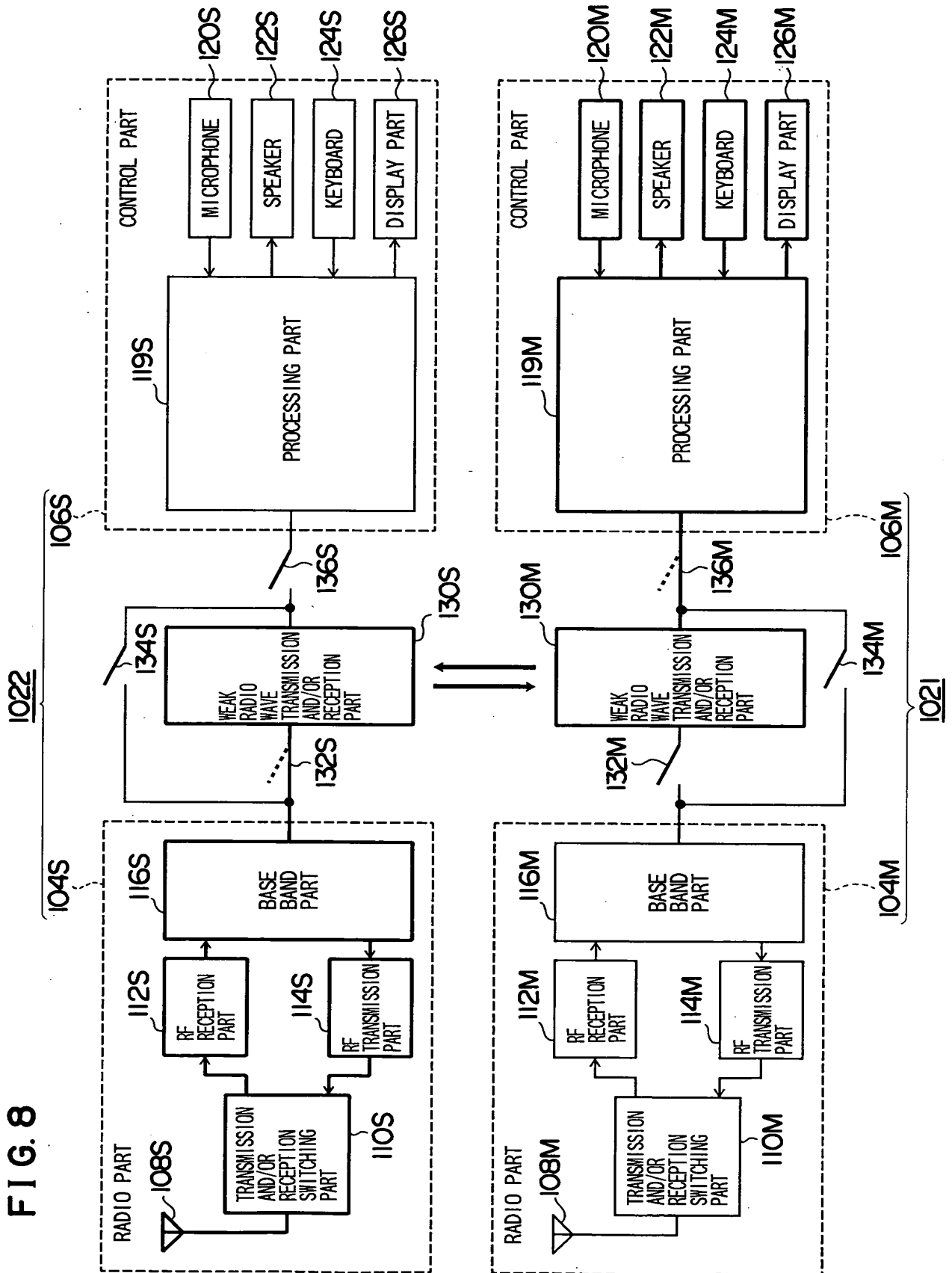




FIG. 9

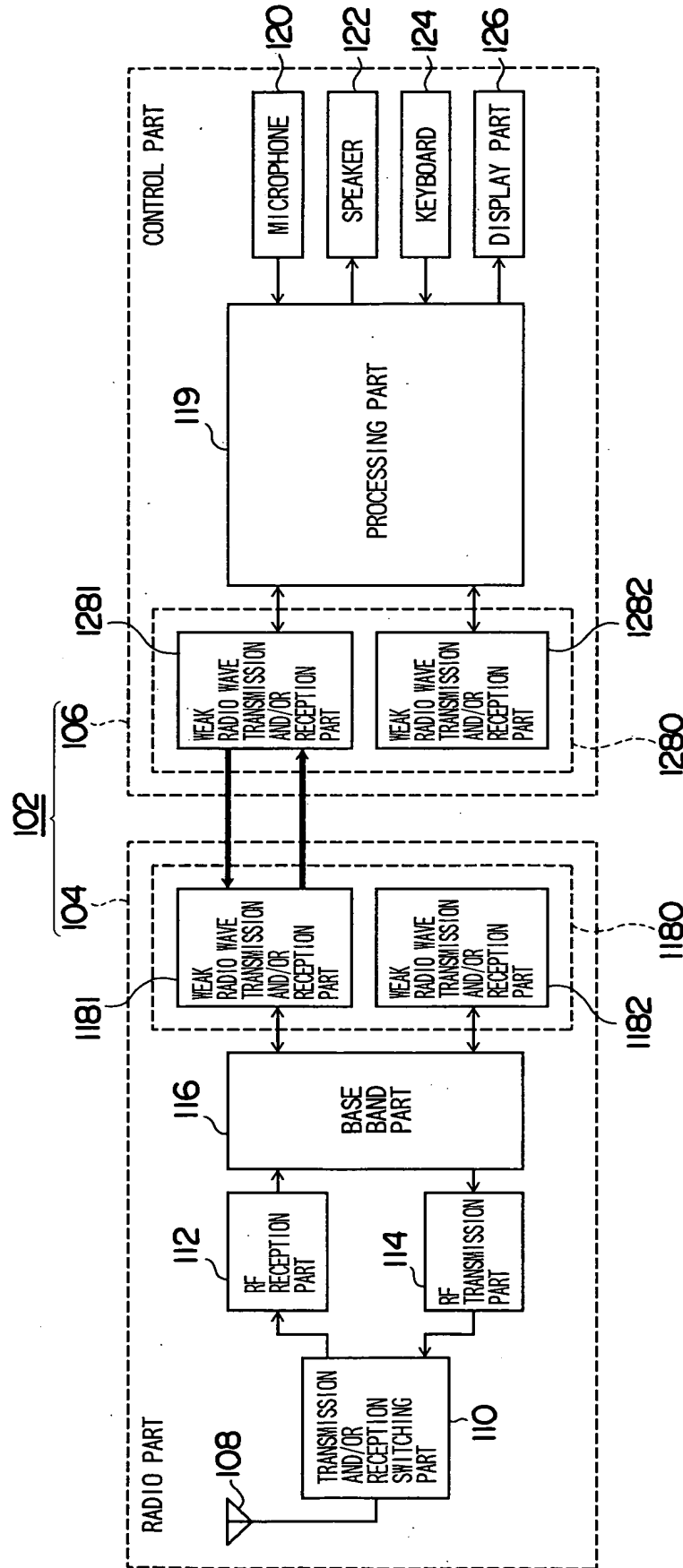
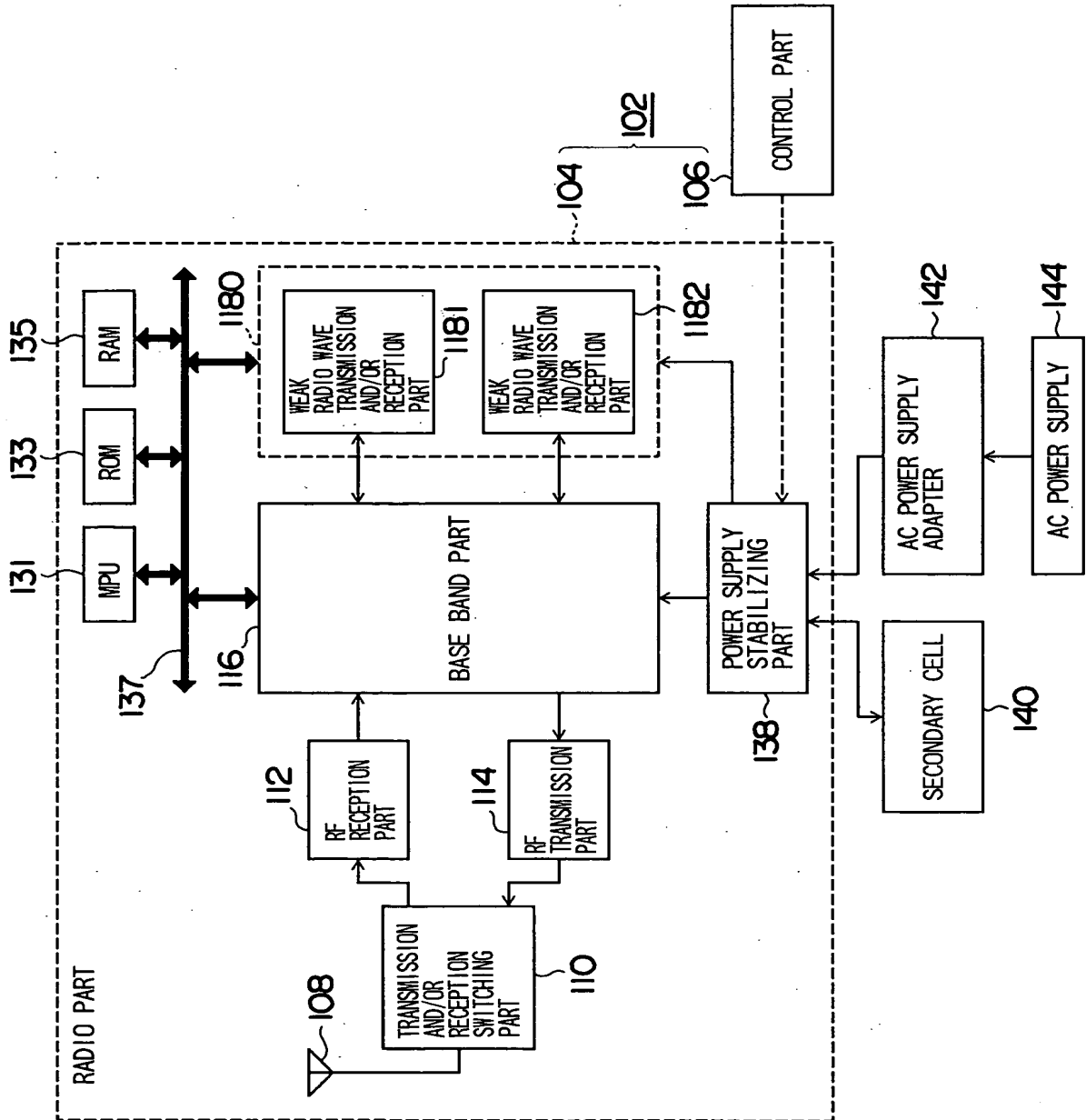


FIG. 10



The block diagram illustrates the internal architecture of a portable electronic device 100. A central horizontal bus 119 connects several key components: an MPU 146, ROM 148, RAM 150, and two weak radio wave transmission and/or reception parts 1281 and 1282. The MPU 146 is also connected to a keyboard control part 156 and a display control part 158. The keyboard control part 156 is linked to a keyboard 124, and the display control part 158 is linked to a display part 126. A microphone 120 is connected to an ADC 152, which in turn connects to the bus 119. The bus 119 also connects to a DAC 154, which is linked to a speaker 122. A power supply stabilizing part 162 is connected to the bus 119 and provides power to the keyboard 124, display part 126, microphone 120, and speaker 122. The device 100 is shown with external connections: a secondary cell 140 and an AC power supply adapter 142 (connected to an AC power supply 144) provide power to the stabilizing part 162. A radio part 104 is connected to the weak radio wave transmission and/or reception parts 1281 and 1282 via a dashed line 106.

FIG. 12

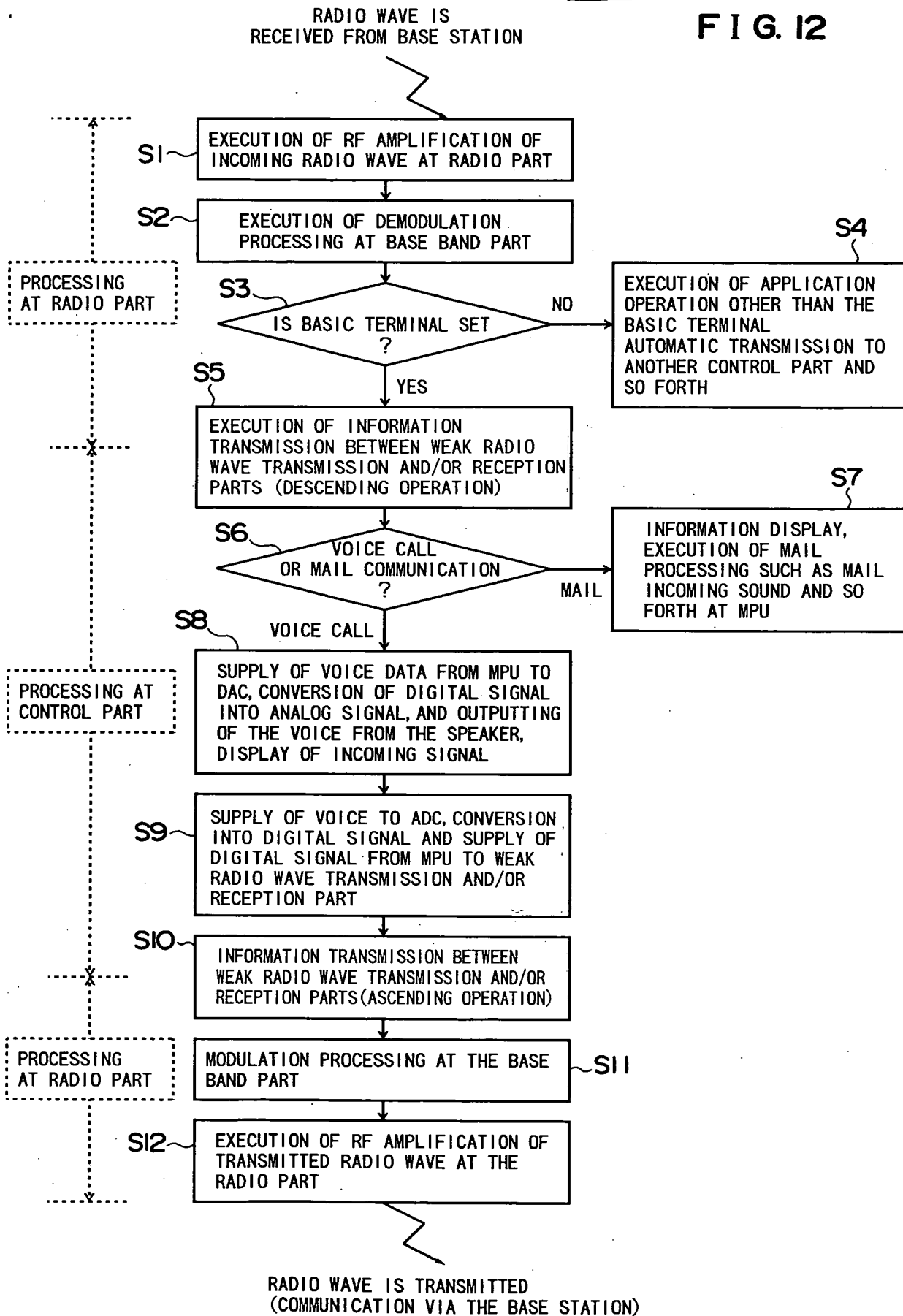
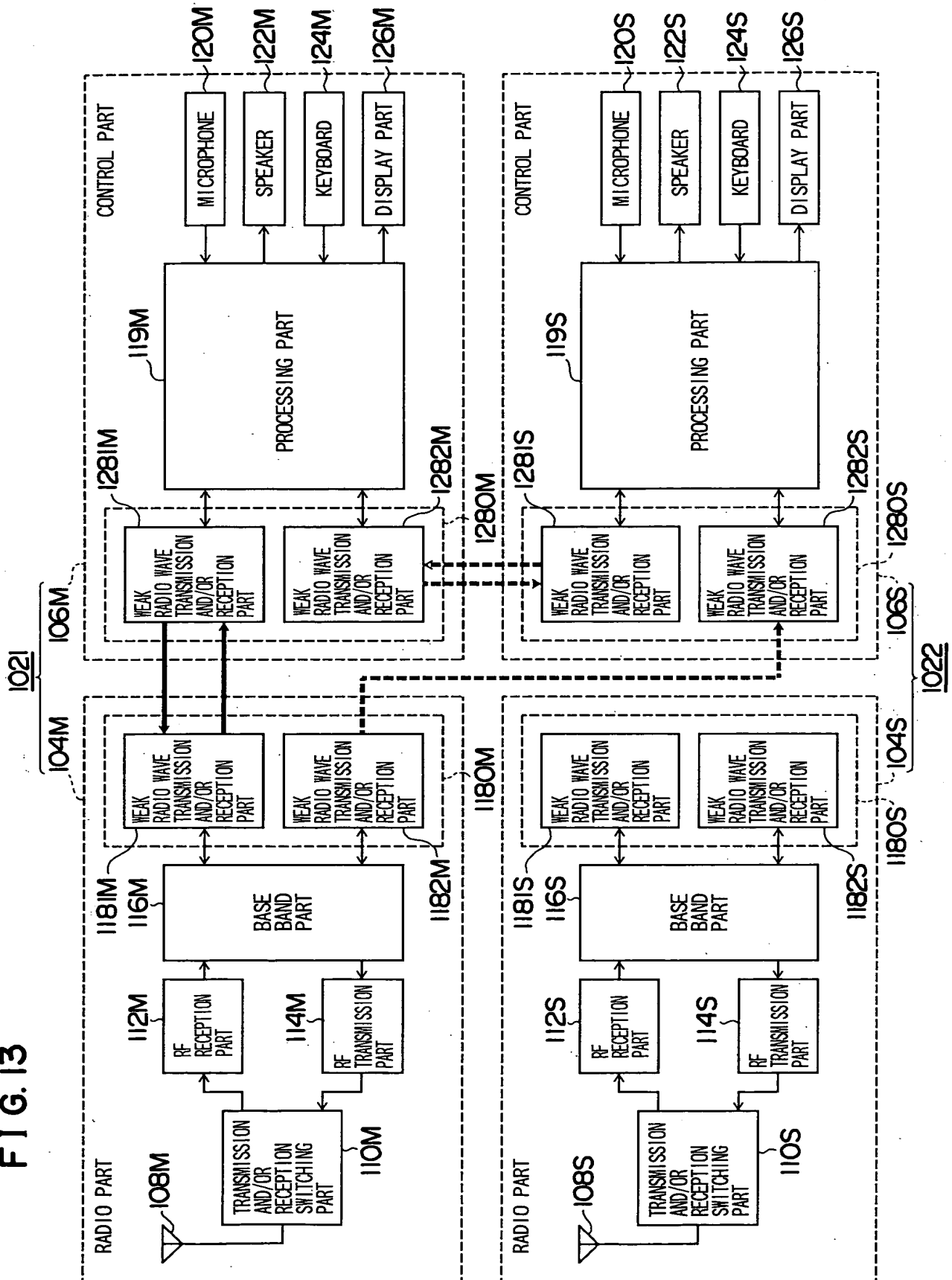
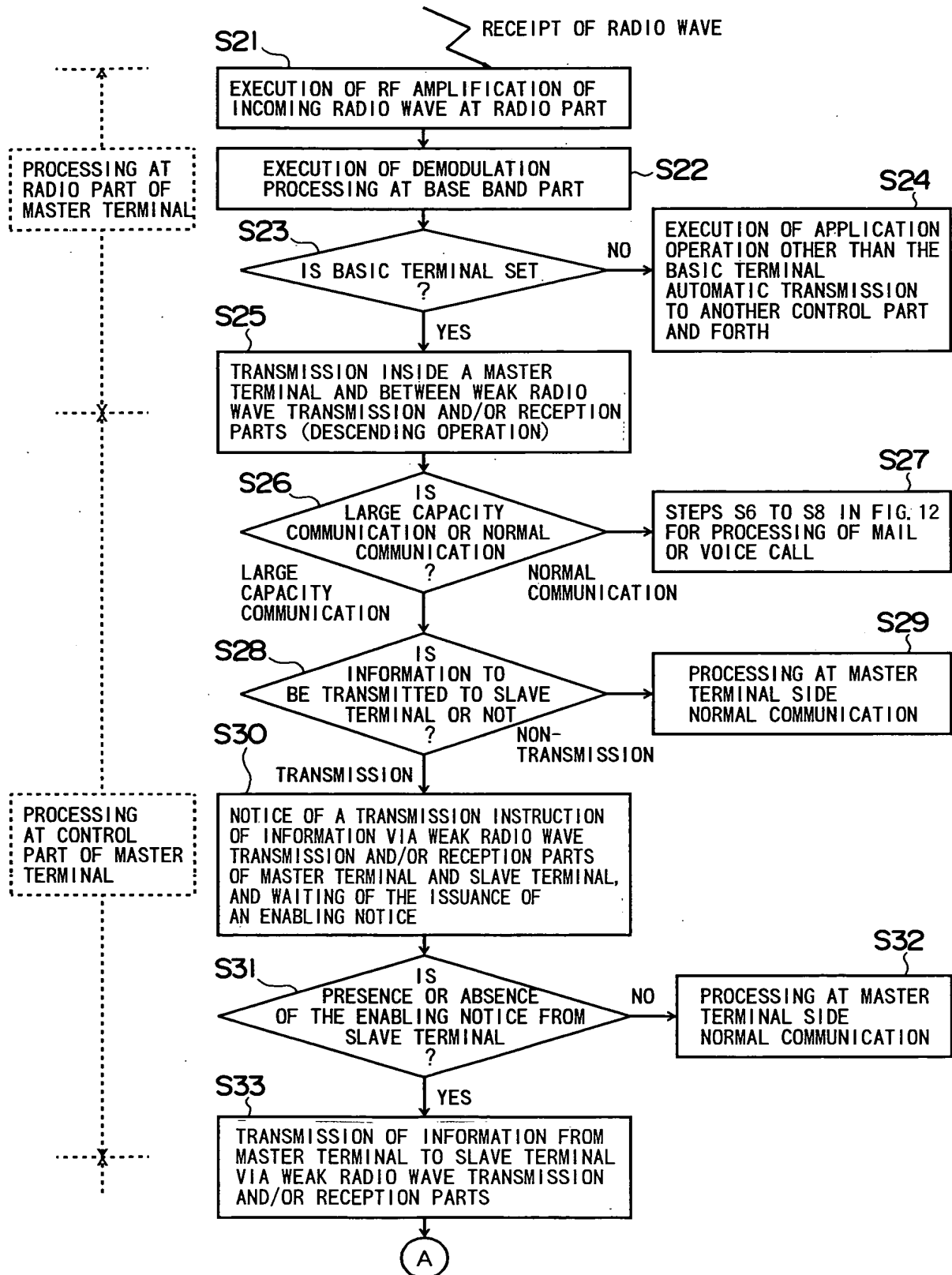


FIG. 13



## FIG. 14



## FIG. 15

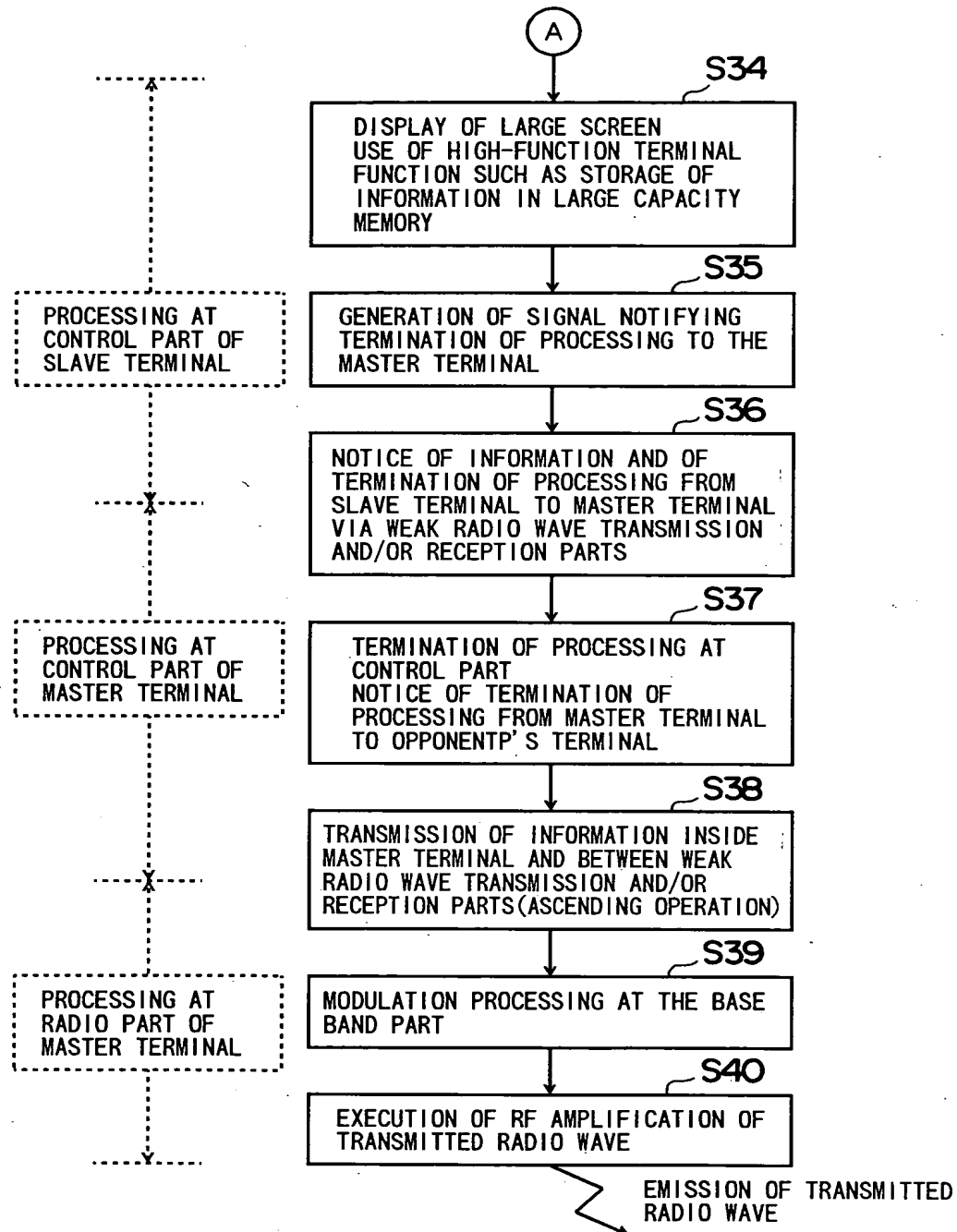


FIG. 16

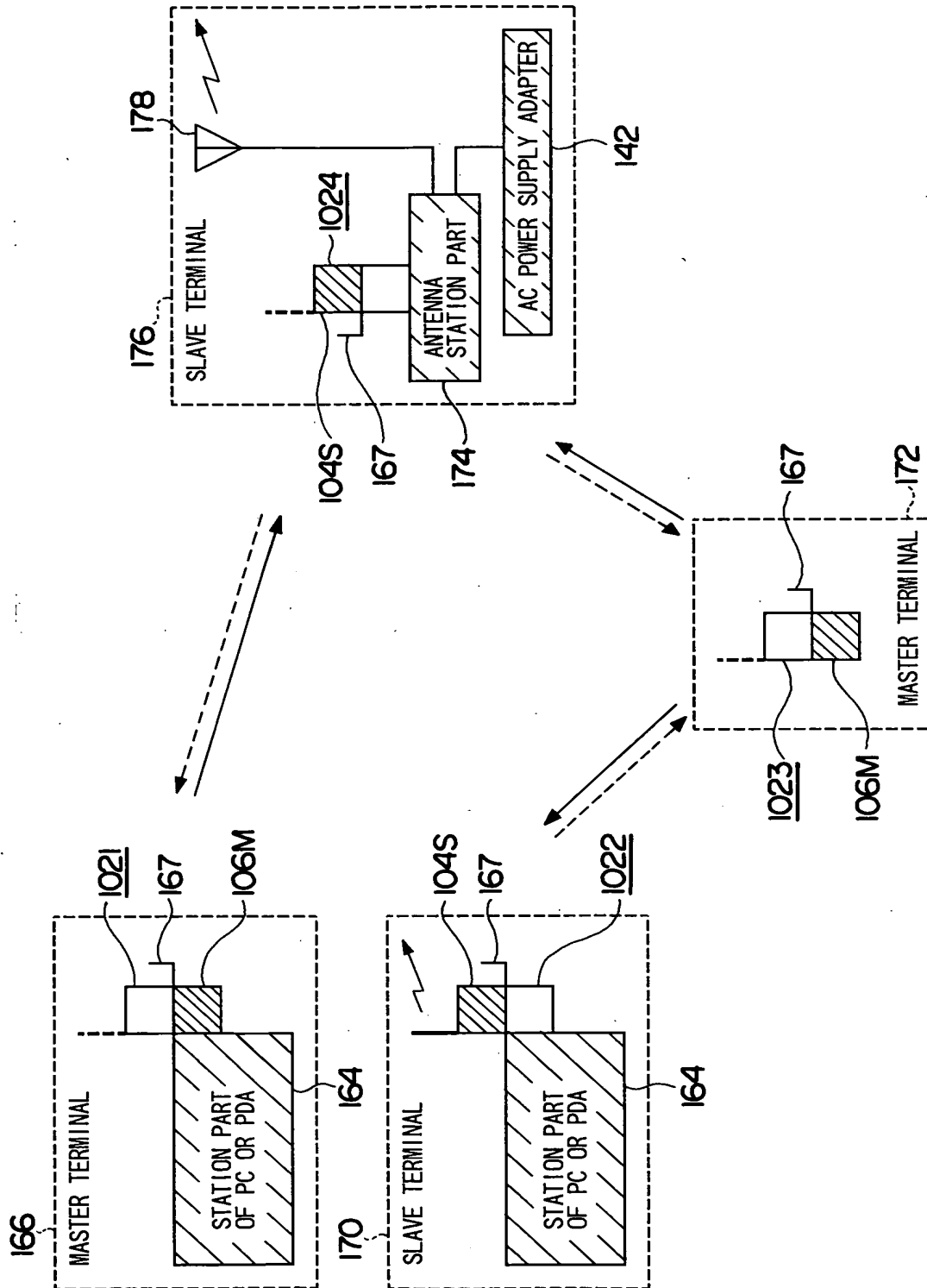




FIG. 17A

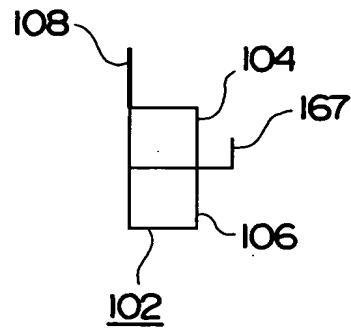


FIG. 17B

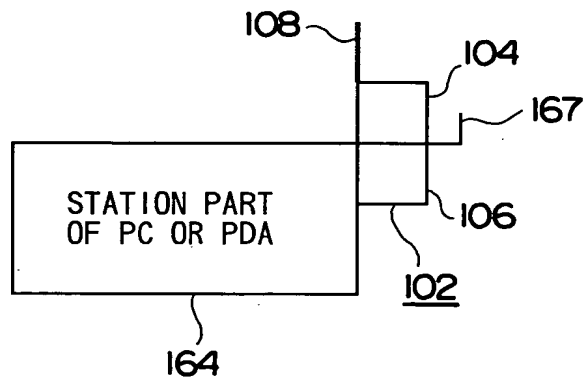


FIG. 18

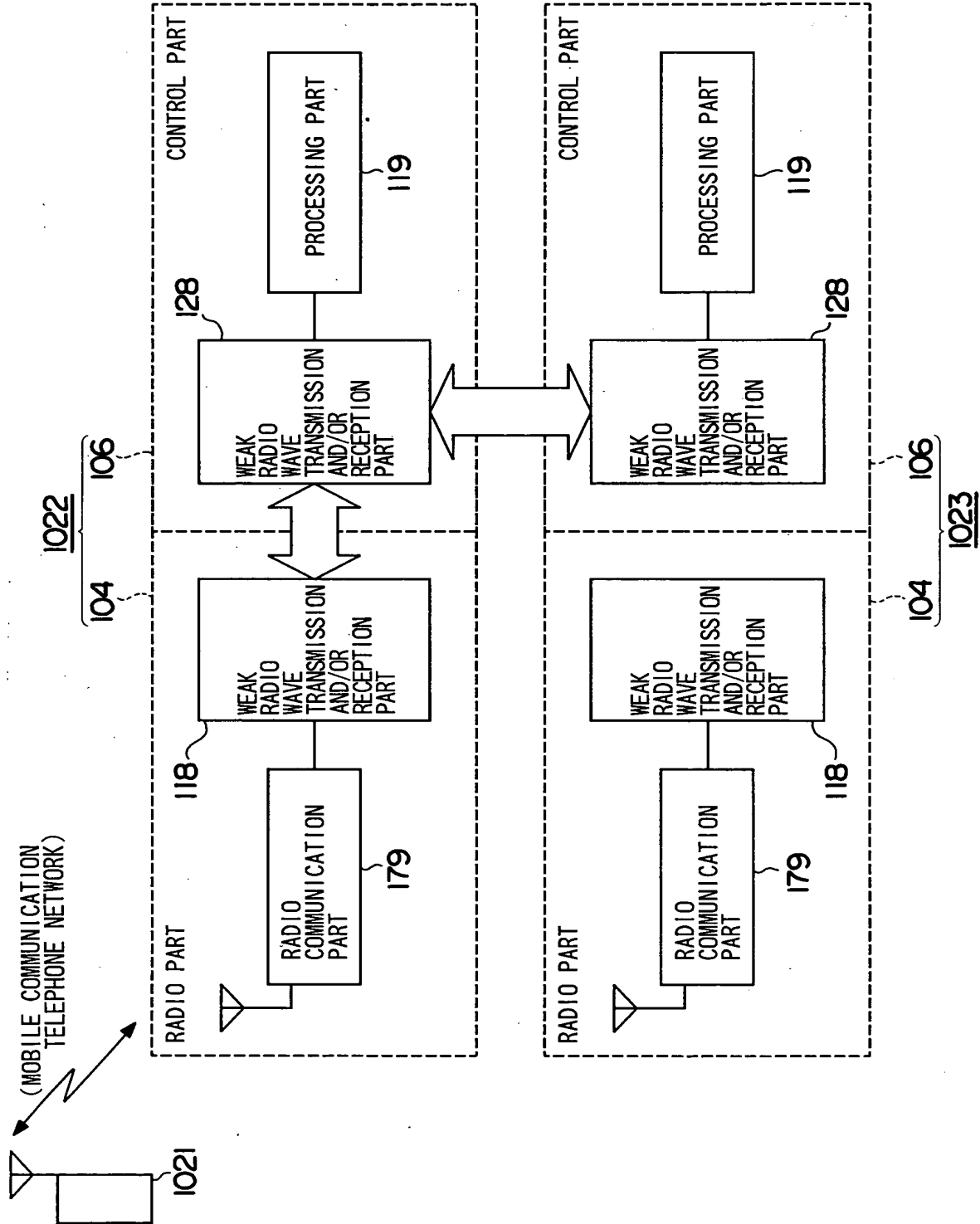


FIG. 19

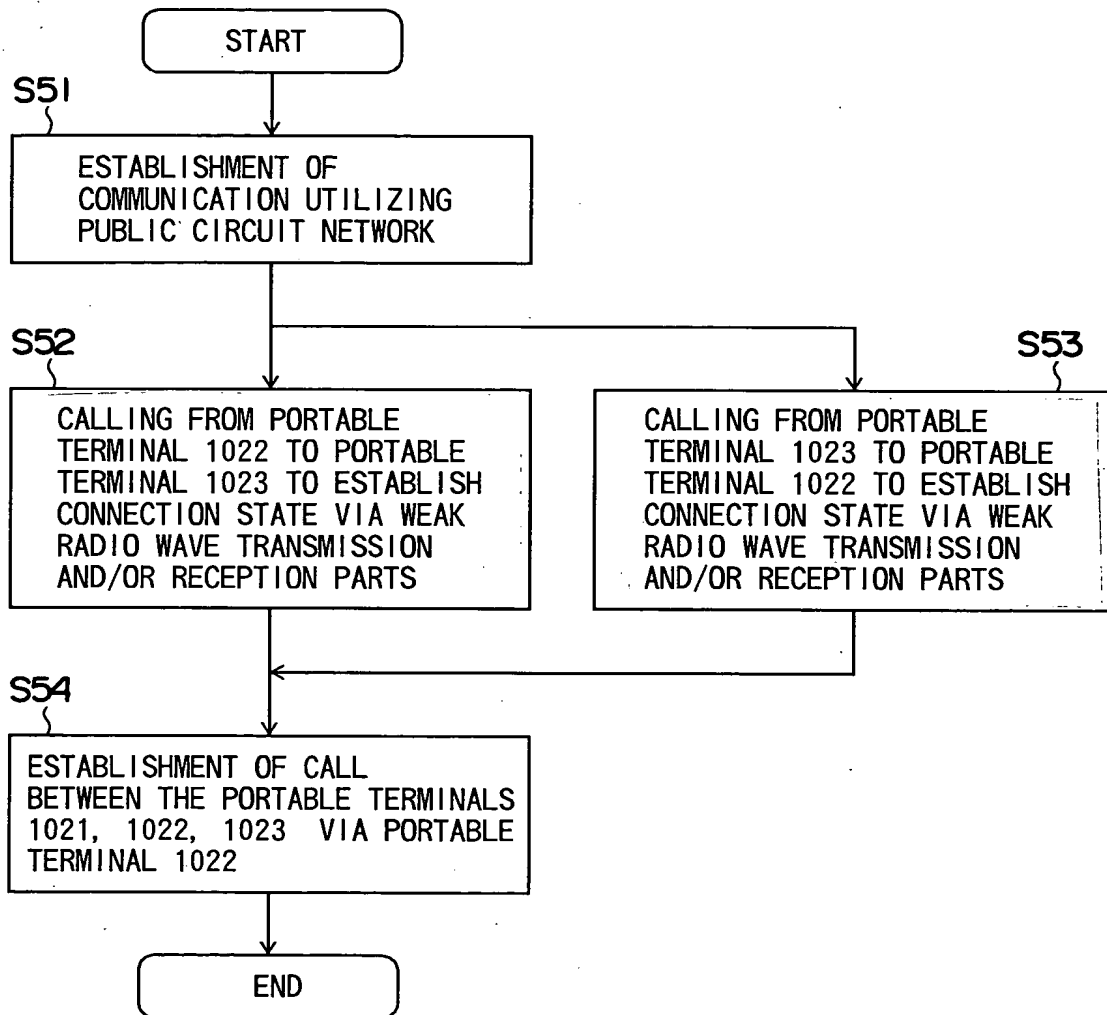


FIG. 20

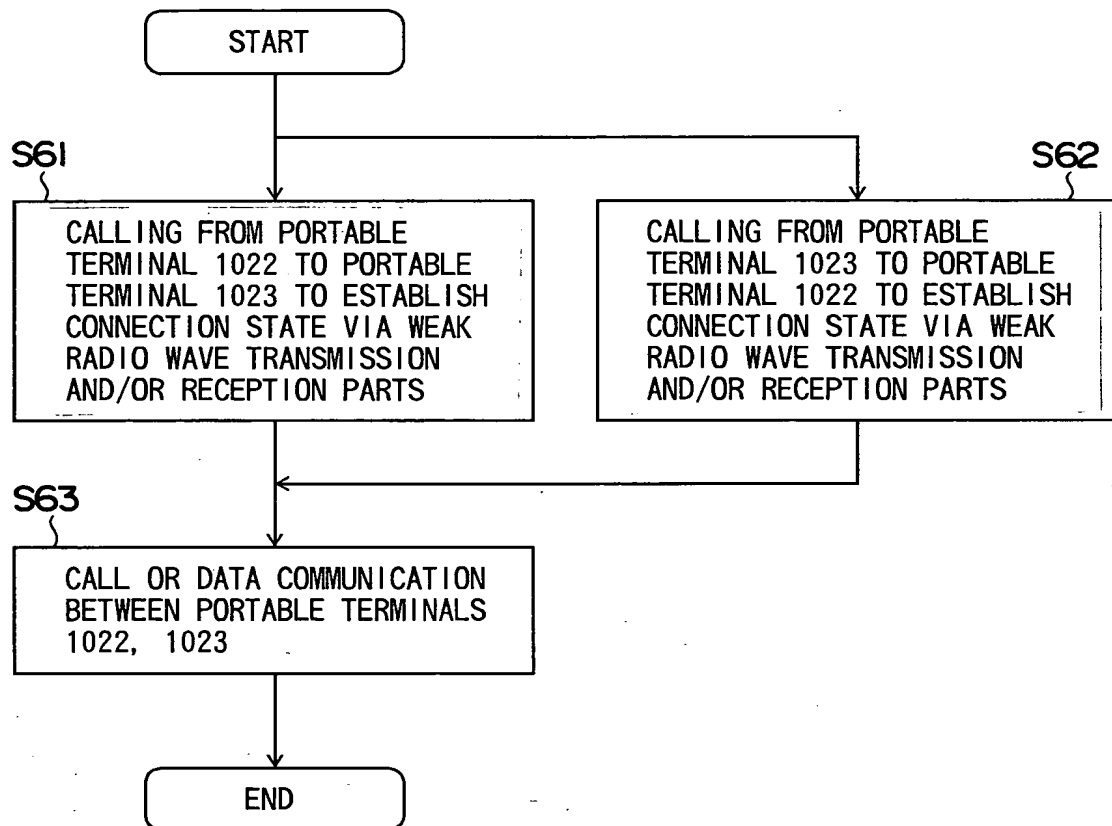


FIG. 21

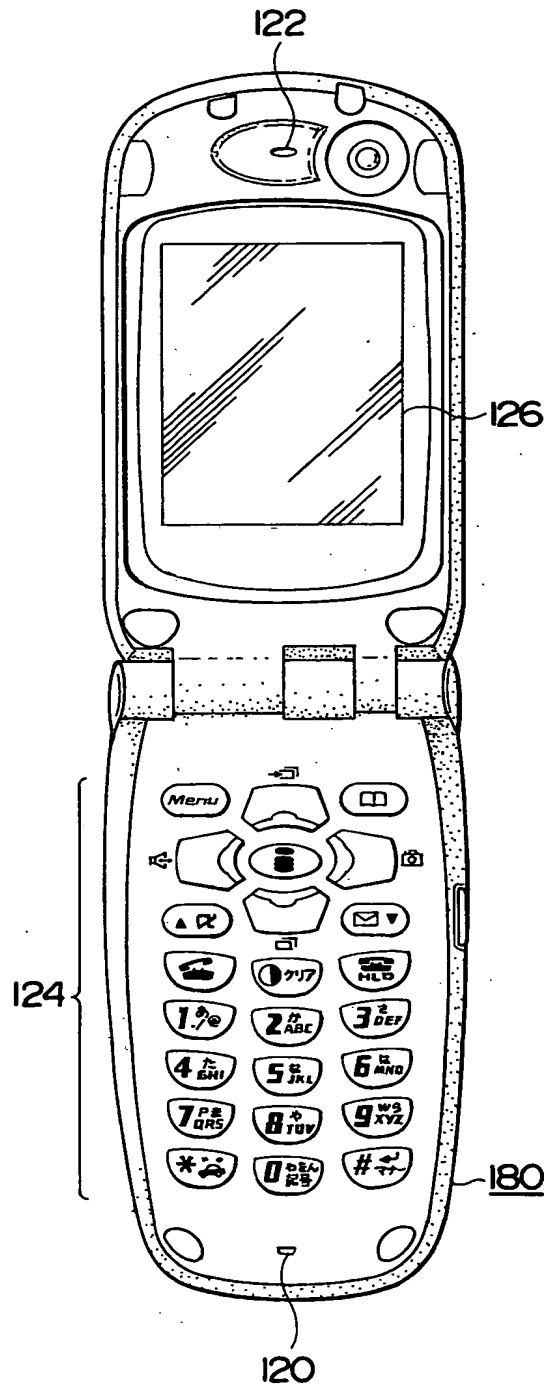


FIG. 22

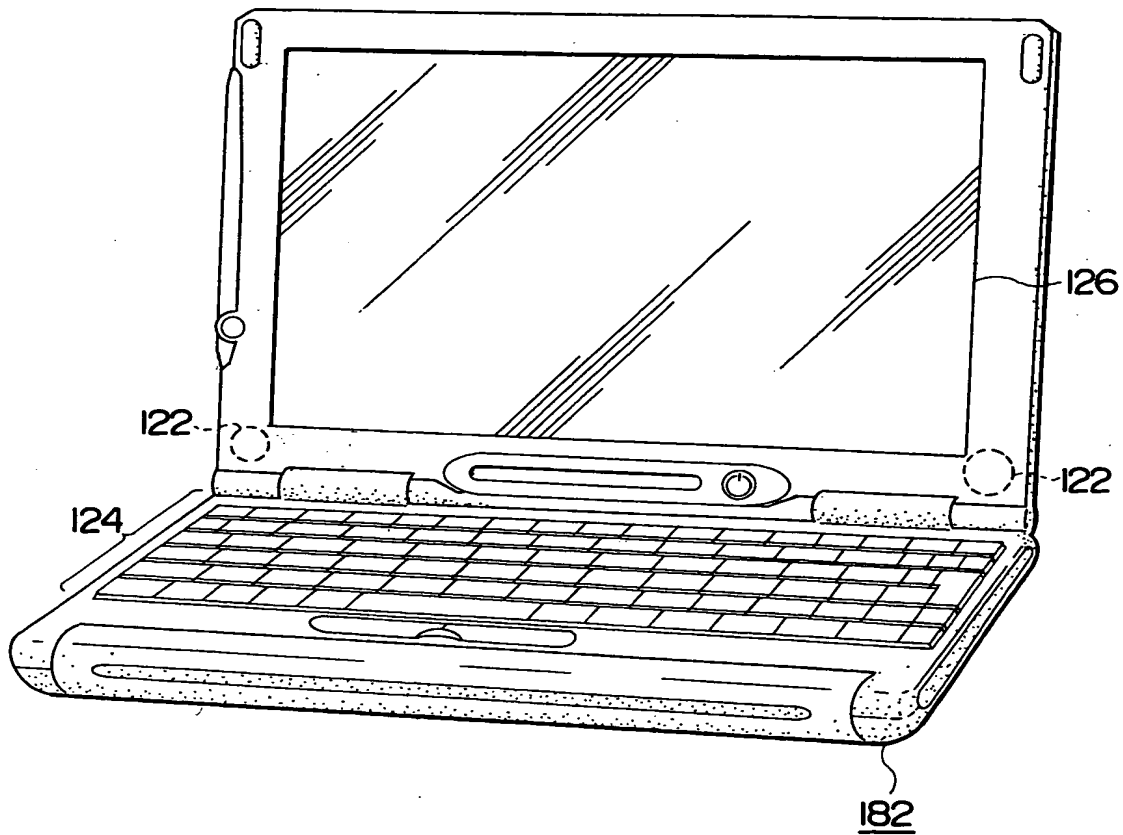


FIG. 23

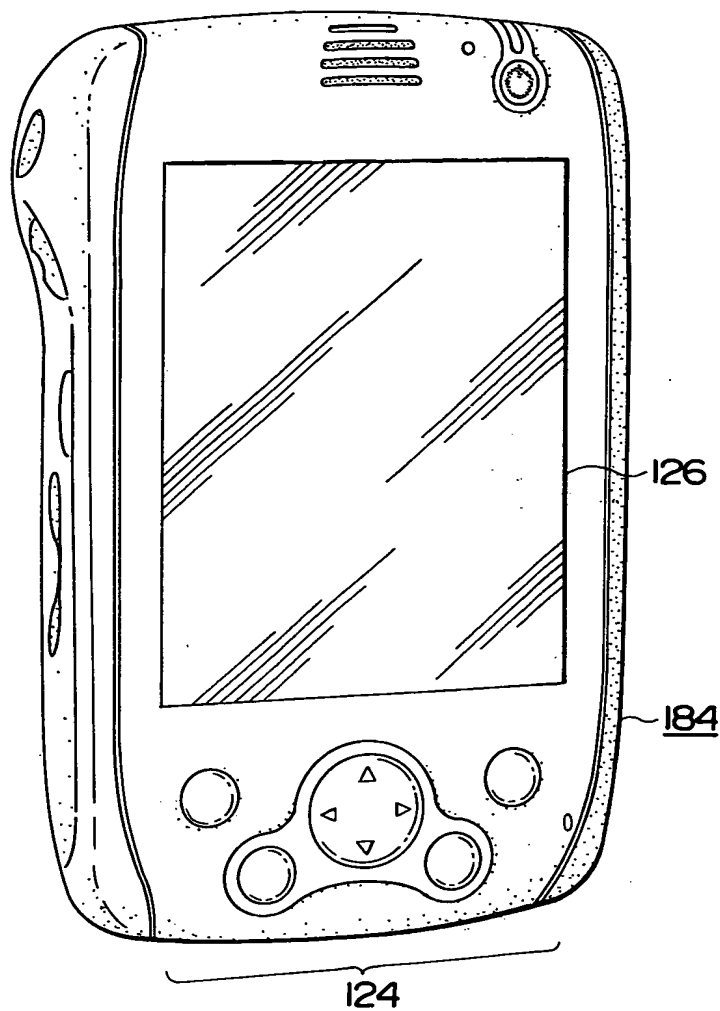


FIG. 24

